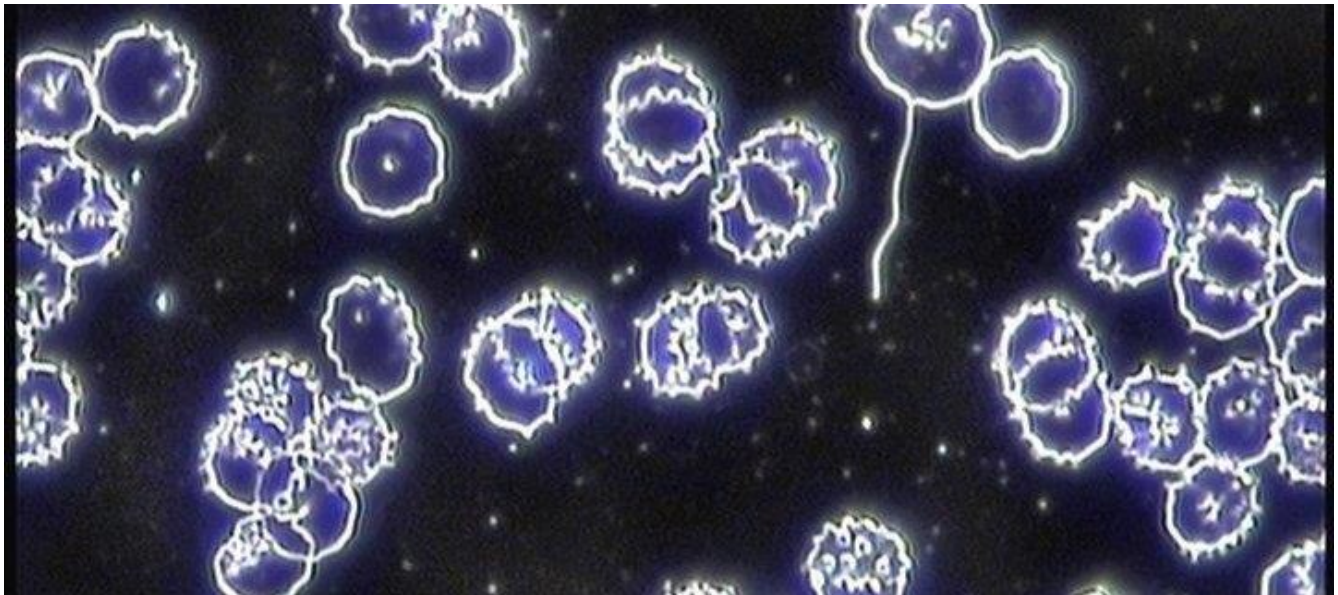


# A Biological Journey

By: Ron Bublitz

December 2020



## Part I

Over the past months, I have been writing articles chronicling my research into the medical crisis we all face. I have been highlighting information from doctors and medical experts who have also been searching for answers. It is a quest for verifiable facts, not opinions. The popular narrative that we are being told should not be accepted purely at face value – it can all be put to the test. It is time to review what has been discovered and then go further. It is time for a journey through biology. It is a journey full of surprises and shocking revelations. There are things that I thought could not possibly be true but upon further investigation and verification, they may very well be. If we connect the dots and go where the path leads we can come to some sense of what is really going on. Are you willing to join me on this journey?

This is the most important series of articles that I've written to date. Many different subjects will be discussed. They will all come together to show a cohesive biological reason for the current situation. It is only a theory, however. But it's not just my theory. It is based on the research of several other medical experts who are looking into the same subject. However, I have not found anyone else that has put the pieces together in the same manner. It could be that they have, but as of now, no one is publicizing it. The

only other person that could very well have made the same proposal is Dr. Tom Cowan. He recently wrote the book “Contagion Myth” which could contain this information. However, it has been banned by Amazon and other book sellers so I have not been able to locate a copy.

The question often arises – who am I to present this kind of information since I'm not a medical professional? I am a researcher. I've done many, many years of reading about various health and medical subjects. This was initially to understand what was happening with dementia and Alzheimer's disease. I hope to show that there are actually a lot of similarities that can be drawn with the current medical situation. The increasingly serious epidemics that society faces, not just this present current situation, might very well all have a common biological cause. But they might be expressed differently depending on individual environmental factors. More about that as this information is presented.

### **Facts Which Can Be Known**

This will be a deep dive. It will get technical. It will be unapologetically scientific. But in order to go where the facts lead, concepts need to be presented that might at first not seem like they relate at all. Have patience. The journey will lead to a framework where all the various disparate parts will have their place.

To begin, we need to ask the question: what are the facts that can be known about this medical situation? There is so much confusing information. It is often contradictory. Who do you believe?

Most people seek to be law abiding citizens. We want to do what the authorities say and recommend. After all, they are in their position for a reason. We do not want to cause trouble and we definitely do not want conflict and we desire to live at peace with everyone. We've been trained to do that all of our lives and our entire society is built around these principles. But what happens when what you hear goes against your instincts and what you have learned? What do you do? You should be able to trust what you hear. Trust, but verify.

We can have the confidence to ask questions, research and then understand what we find. It seems the modern mindset is that unless you have a school degree in some particular topic, you can not possibly understand it. It was not like this in past ages. I'd like to tell you a story that Kary Mullis expressed. If you do not know, Kary Mullis invented the

process that the RT-PCR test uses. This is the main test being used to diagnose whether someone has COVID disease. Years ago, he won the Nobel Prize in Chemistry for his invention. He told the story that some time after he won the Nobel Prize he was invited to a gathering of other Nobel Prize winners. He did not feel very comfortable because he was “only” a chemical technician. But he attended because he was currently trying to find evidence in the published literature for a topic he was writing about and couldn't seem to find anything. At the gathering he approached one of the eminent experts and asked if he knew of a published paper that proved his thesis. The expert responded with a citation. However, Kary had already read that one, was very familiar with it and stated that it actually didn't lend proof at all. He asked if there was anything else. The expert replied no, there were no other published papers. Kary thought to himself, here are all the “wise old men” and they can't find proof for which they claim. He realized he was now also a part of the “wise old men” and knew that they didn't know any more than he did. The point of the story is don't be intimidated by supposed experts. The people that you think should know, often times don't know any more about it than you can find out yourself.

At the heart of both my careers I was a problem solver. There was chaos – a difficulty – a problem that was causing hardship. I needed to understand the problem and not just the complaints that were being hurled about. There was always an underlying issue. It required a deep dive and often lead to connected areas which needed to be investigated in order to come to a satisfactory solution. The problem needed to be simplified as much as possible in order to strip away the tangential issues. Yes, they were related but they were not the core of the problem. The need was to boil down to the most basic problem and the other frothy issues would solve themselves. What can we determine is the issue at the heart of this medical crisis?

Let us take what has been told us at face value. The claim is that there is a new virus which is contagious and infecting people and causing a known set of symptoms which can lead to death. If this is actual fact, then it should be able to be verified. It's not some magical process. The authorities have had to base their reactions on verifiable published information. Therefore, anyone should be able to read that same information and come to the same conclusions. Granted, the information may not be understandable because we do not have the same medical background. But the information has to exist and has to be available to all.

There should be verifiable information that a new virus has been identified. It should have been proven that the virus is the cause of this disease. And this should have been done

according to established scientific protocols and standards. All other related issues are secondary (ie. mask wearing, lockdowns, treatments, drugs, vaccines). The most basic issue at the heart of this is that a virus exists and causes this disease.

As I wrote in my first article and showed, there is nothing that fulfills this most basic premise. There is no scientific peer-reviewed and published study that has shown a virus has been isolated, given to an organism so that it causes symptoms and leads to death. There is no study, even to this date. And this is not because a non-virologist can't understand what exists. If a peer-reviewed paper showing causation would exist, it would be immediately evident and understandable. There are now over 45 Freedom of Information requests that have been returned from universities and government health agencies all over the world. They have all stated that they do not possess any published studies showing that a virus has been isolated from a patient sample of COVID. "Isolated" was specifically defined as being filtered and separate from any other genetic material.

But there are people who counter and say that there are many papers that claim a virus has been proven to cause this disease because of a genetic sequence which has been identified. However, this does not follow established medical protocols. A genetic sequence is not how a disease is proven to exist. It has never been done this way for any other disease. Simply the fact that a genetic sequence has been identified does not prove it causes disease.

Even virologists are now unsure how to proceed as scientific knowledge has increased. In addition to the understanding of a virus, there has been the discovery of extracellular vesicles (EV) or "exosomes". They are similar in size and biological makeup to what a virus is claimed to be. They are now unsure of how to differentiate between the two: "The remarkable resemblance between EVs and viruses has caused quite a few problems in the studies on the analysis of EVs released during viral infections. Nowadays, it is an almost impossible mission to separate EVs and viruses by means of canonical vesicle isolation methods, such as differential ultracentrifugation, because they are frequently co-pelleted due to their similar dimension. To overcome this problem, different studies have proposed the separation of EVs from virus particles by exploiting their different migration velocity in a density gradient or using the presence of specific markers that distinguish viruses from EVs. However, **to date, a reliable method that can actually guarantee a complete separation does not exist.**" [emphasis added]

Journal Viruses 2020 May; 12(5). 571. The paper was written by Gianessi, F et al and is titled: "The Role of Extracellular Vesicles as Allies of HIV, HCV and SARS Viruses."

In other words, scientists can no longer be sure that what they once would only consider as viruses are not in fact, other similar structures which they know pose no danger.

So what are we to make of this fact? The most basic underlying statement which should be able to be proven has not and can not be verified?

But, the claim is that there is an anti-body test that “proves” someone has had COVID disease sometime in the past. However, evidence shows that even those tests are not accurate and don't test for COVID specifically. The test could be identifying the common cold or any other non-related corona virus.

“If your test result is the number 1, you *may* have antibodies that resulted from a previous COVID-19 exposure, a related common-cold coronavirus or some other condition. If you do not have reason to believe you had COVID-19, it might be a false-positive test result.”

<https://www.vitalant.org/hidden-pages/Understanding-COVID-19-Antibody-Test-Results.aspx>

Dec 3, 2020

What can we research to show what is really happening? After all, the many governmental reactions are being done in response to the most basic underlying understanding that a dangerous virus exists. These have resulted in restrictions and mandates which have affected us all. But they are shown to be based on a flawed and erroneous primary statement.

There is a disease, however. People seem to be dying in a new and different way compared with before January 2020.

## **Investigating Symptoms**

Since there is currently no verifiable proof of a virus, then what other clues are there? This disease has symptoms. As it became recognized in China, the first 55,000 cases had common symptoms of: fever, cough and muscle pain, nausea or vomiting, and diarrhea.

<https://www.healthline.com/health-news/covid-19-symptoms-usually-show-up-in-this-order#COVID-19-symptoms-timeline>

But significantly, there was one other reported symptom. People now claim that it did not happen or was not related. But the proof exists that people in China suddenly collapsed

in the street for no apparent reason.



<https://www.dailymail.co.uk/news/article-7923981/Coronavirus-Disturbing-videos-claim-people-collapsing-Wuhan.html>

January 24, 2020

This was not just isolated to China. There are reports of Americans who traveled on cruise ships collapsing on their flight back to the USA.

<https://www.cbsnews.com/news/flights-cruise-ships-covid-19-60-minutes-2020-10-18/>

March 2020



There is evidence of Iranians who also collapsed in the street in the same manner.

<https://www.express.co.uk/news/world/1250642/Coronavirus-Iran-latest-news-video-cases-symptoms-Covid19-map-pandemic-update>

March 4, 2020

As of December 2020, the health department in BC, Canada has the following list of symptoms which contains additional items:

<https://www.healthlinkbc.ca/symptoms-covid-19>

“Symptoms of COVID-19 are similar to other respiratory illnesses including the flu and common cold. Symptoms may vary from person to person. Some people may experience mild symptoms, while others have more severe symptoms. The symptoms most commonly found with of COVID-19 infection include:

- Fever
- Chills
- Cough or worsening of chronic cough
- Shortness of breath
- Sore throat
- Runny nose

- Loss of sense of smell or taste
- Nausea and vomiting
- Diarrhea
- Headache
- Muscle aches
- Fatigue
- Loss of appetite

Sometimes people with COVID-19 have mild illness, but their symptoms may suddenly worsen in a few days. Some less common symptoms include stuffy nose, conjunctivitis (pink eye) dizziness, confusion, abdominal pain, skin rashes or discoloration of fingers or toes. Children have similar symptoms to adults, but are less likely to have fever, shortness of breath or cough. COVID-19 causes mild illness in the majority of cases in children.”

The CDC list of symptoms is very similar if not slightly shorter:

- Fever or chills
- Cough
- Shortness of breath or difficulty breathing
- Fatigue
- Muscle or body aches
- Headache
- New loss of taste or smell
- Sore throat
- Congestion or runny nose
- Nausea or vomiting
- Diarrhea

Most people have been told that if they have no other major health conditions that might complicate being infected, that a short time later they will recover completely. However, there are increasing reports of people who have supposedly recovered from the virus (a negative result) but continue to suffer from long lasting health conditions which they previously did not have. These have been termed “long-haulers”. They can suffer from:

- Herpes
- Cracked/dry lips
- Tinnitus
- Mouth sores/tongue pain
- Random smells that aren’t actually there



- Specks floating in your field of vision
- Syncope

<https://bgr.com/2020/10/10/coronavirus-symptoms-signs-of-covid-19/>

Another researcher has done an in depth study of long-haulers and has identified over 172 possible long term symptoms/conditions in the study group.

<https://www.thesun.co.uk/news/12806187/full-list-170-long-covid-symptoms-hair-loss-incontinence/>

## **Neurological/Nervous System**

- Violent seizures
- Violent shaking
- Vibrations inside the body
- Trembling
- Twitching of fingers/thumbs
- Night time weird sensations eg, feeling frightened
- Brain fog
- Confusion
- Forgetfulness
- Numbness in extremities: fingertips

## **Dermatological**

- Scaly skin
- Itchy skin
- Bruising
- Livedo reticularis
- Red marks appearing under skin
- Dry skin
- Skin ageing
- Weird lumps appearing on skin
- Circles/lumps appearing on feet

## **Cardio-vascular**

- Heart racing
- Heart stabbing pain
- Heart palpitations

## **Sensory Changes**

- Loss of smell
- Loss of appetite
- Loss of taste
- Hearing Strange sounds at night
- Flashing lights in the eyes
- Shadows in corner of eyes
- Tinnitus
- Buzzing of ears
- Popping of ears
- Excessive thirst

## **Women's issues**

- Disruption to menstrual cycle
- Amenorrhea

## **Physiological Changes**

- Muscle pain
- Lower Back pain
- Shoulder pain
- Neck pain
- Swollen glands
- Hair loss (men and women)
- Severe cramping

## **Lung /Respiratory Function**

- Breathlessness
- Lung bruising
- Chest tightness
- Lung pressure
- Asthmatic exacerbation
- Coughing when lying down.
- Clear mucus producing cough
- Blood clots

## **Mental Health**

- Depression
- Anxiety (being over prescribed/labelled by medics)
- Frustration
- Isolation
- Loneliness
- Demoralisation (due to not being believed)
- Feelings of sadness

## **Gastro-intestinal**

- Rumbling intestines (above normal levels)
- Diarrhoea
- Stool colour changes
- Bloating
- Belching
- Gas production increases/decreases

## **Sleep Disturbances**

- Sleep apnoea
- Insomnia
- Fatigued sleep
- Psychological disturbances in the dark
- Psychological disturbances when sleeping
- Have to sleep sitting upright

## **Bowel habits and urinary changes**

- Urine incontinence at night whilst sleeping
- Urine incontinence during the day whilst active
- Faecal incontinence at night whilst sleeping
- Faecal incontinence during the day whilst active
- Stomach cramping/intestinal cramps

## **Head/Facial/Maxillo issues**

- Jaw pain
- Sinus problems

- Pain in cheek bones/jaw area
- Neck glands up
- Parotid glands up
- Glands by ears up
- Glands on back of head/upper neck up
- Hair loss

## **Vision Changes**

- Blurry vision
- Foggy vision (sudden bursts)
- Floaters in vision
- Black shadows in corner of eyes
- Blurry vision with screens/bright lights/cannot read letters

## **Other problems (mixed in origin)**

- Sore throat
- Laryngitis
- Headaches
- Mobility problems walking
- Circulatory issues cold hands
- Circulatory issues cold feet
- Migraines
- Bells palsy
- Slurred speech
- Stroke like symptoms
- Collapse
- Mobility issues
- Phantom smells (amnesia followed by this)
- Acid reflux
- Short term memory loss
- Nervous breakdown
- Night sweats
- Hallucinations
- Dry mouth
- Hip pain
- Heavy legs
- Vomiting

- Congestion
- Thyroiditis
- Restless legs
- Chin swelling
- Inflammation of old injuries
- Post covid diabetes
- Phlegm
- Sensitivity to light, sound, movement
- Tingling of extremities
- Sinus swelling
- Hives
- Low body temperatures
- Low blood pressure
- High blood pressure
- Requiring reading glasses
- Excessive bleeding gums
- Excessive rectal bleeding
- Rheumatoid arthritis flare-up
- Swelling in extremities
- Burning in intestines/gastric area
- Metallic taste in mouth
- Dizziness
- Dysphagia issues
- Water on the knee
- Lower back pain
- Numbness in arms, necks, face
- Swollen temples
- Migraines
- Feeling feverish without a temperature
- burning/fizzing sensation in body parts
- Random bruising
- low/high blood sugar
- Spontaneous lactation
- Fluid retention
- Red marks on body after resting that last for hours
- Bruising under nails
- Breast pain and lumps
- Shooting neuropathy

- Coughing up blood
- Blood in urine and stools
- Localised swelling in feet
- Conjunctivitis
- Nausea
- Earache
- Toothache
- Itchiness/burning eyes
- Low oxygen levels
- Trouble trying to form words
- Blocked ears
- Trouble focusing attention
- Balance issues
- Pressure behind the eyes
- No grip or strength in fingers
- Sensitivity in the head
- Sore gums
- White tongue
- Pins and Needles
- Mouth tingling
- Skin sensations on hands and arms

This is an amazing and scary list. Basically, the body has gone haywire for these people. How does a virus affect all those different body areas and functions resulting in permanent conditions?

And now, as of December 7, there is a new set of symptoms coming to light in parts of India. Notice that this disease is showing up in an area with the most numbers of COVID cases (although a case does not necessarily mean an active infection).

<https://www.kwqc.com/2020/12/07/hundreds-ill-1-dead-due-to-unidentified-disease-in-india/>

December 7, 2020

“The patients are of different ages and have tested negative for COVID-19 and other viral diseases such as dengue, chikungunya or herpes. “

“Andhra Pradesh state is among those worst hit by COVID-19, with over 800,000 detected cases. “

<https://www.businessinsider.in/science/health/news/what-is-eluru-disease-symptoms-causes-and->

[helpline-number/articleshow/79602394.cms](https://helpline-number/articleshow/79602394.cms)

December 7, 2020

Most of the cases of Eluru disease reported were from Kobbari Thota, Kothapeta, Toorpu Veedhi and Arundhatipeta districts.

**The patients of Eluru disease suffered from these symptoms:**

- Seizures
- Burning eyes
- Sudden loss of consciousness
- Frothing
- Dizziness
- Headache
- Nausea
- Fainting
- Shivering

Let's take a look at another list of symptoms.

- Nausea and vomiting
- Diarrhea
- Headache
- Fever
- Dizziness and disorientation
- Weakness and fatigue
- Hair loss
- Bloody vomit and stools from internal bleeding
- Infections
- Low blood pressure

<https://www.mayoclinic.org/diseases-conditions/radiation-sickness/symptoms-causes/syc-20377058>

This list contains symptoms of low level radiation exposure. Compare how similar they are to what we are being told are the symptoms of COVID disease.

Symptoms can vary depending on the dose and whether or not there has been ongoing repeated exposure.

“A dose of as low as 30 rads can lead to:

- loss of white blood cells
- nausea and vomiting

- headaches

A dose of 300 rads dose may result in:

- temporary [hair loss](#)
- damage to nerve cells
- damage to the cells that line the digestive tract

After a mild dose, the person may experience symptoms for just a few hours or days. However, a repeated or even a single, relatively low dose that produces few or no visible symptoms around the time of exposure may cause problems later on.

**People who experience repeated doses, or who appear to recover, may have long-term effects.**

These include:

- a loss of white blood cells, making it harder for the body to fight infection
- reduction in platelets, increasing the risk of internal or external bleeding
- fertility problems, including loss of menstruation and reduced libido
- changes in kidney function, which can lead to [anemia](#), [high blood pressure](#), and other problems within a few months

There may also be skin redness, [cataracts](#), and heart problems.

Localized exposure may lead to changes in the skin, loss of hair, and possibly [skin cancer](#).

Exposure to certain parts of the body is more dangerous than others, for example, the intestines.

**The effects of radiation are cumulative.** Damage to cells is irreversible.” [emphasis added]

<https://www.medicalnewstoday.com/articles/219615#symptoms>

Medically reviewed by [Suzanne Falck, M.D., FACP](#) —

Written by [Yvette Brazier](#) on August 15, 2017

Obviously, radiation exposure sickness is not caused by a virus. If many people who are near each other experience these same set of symptoms are they considered contagious? Why was it automatically assumed that the new disease was from a virus then?

## Contagion

The popular assumption is that there is a contagious virus loose in the world. It does make sense since a lot of people are getting sick — some are near each other and it might seem like they are passing something to each other. And we've been forced to wear masks for this very reason.



But just because a lot of people are getting sick does that automatically mean there is something contagious? What do we make of the report of a fishing vessel which had crew come down with cases of COVID – but after 35 days at sea. And this was after they had all tested negative for the virus before leaving.

<https://www.batimes.com.ar/news/argentina/surprise-over-covid-19-cases-onboard-fishing-vessel-after-35-days-at-sea.phtml>

July 13, 2020

"It is difficult to establish how the contagion of this crew was, since in these 35 days they have not had contact with land and the supply is made only when leaving the port of Ushuaia," said Alejandra Alfaro, the director of the province's Atención Temprana de Salud centre.

Leandro Ballatore, chief of infectology at the Ushuaia Regional Hospital, warned that "it is a case that escapes all the description that appears in the publications, because **such a long incubation period is not described anywhere.**" [emphasis added]

Dr. Tom Cowan uses the example of dolphins to illustrate the point. Suppose you are a dolphin doctor and are called upon to treat dolphins reported to suddenly be sick. Is the first assumption that they all came down with a contagious virus? Or is it usually the case that the water they are in was somehow contaminated and they have been poisoned?

I am a tropical fish enthusiast. Sometimes I have to deal with outbreaks of ich – the fish get white spots over their body. If you don't deal with the outbreak, more and more of the fish in the aquarium develop ich and die. Does this mean the ich is contagious? No. It means the water is of poor quality. The fish slowly weaken one by one so that the ich pathogens take over and run rampant and eventually kill the fish. More and more of the fish are weakened in the same way and develop the illness. The answer? Improve the water quality so that the fish become healthier and can fight off the pathogen. Where did the ich come from in the first place? It was in the water all the time. Only when the fish became sufficiently weakened and could not fight off the pathogen naturally did it start to run rampant and cause the fish to die.

Do you begin to see the difference between contagion and what environmental poisoning is?

Sometimes it helps to have a mental picture to simplify the problem and visualize it. Recently, a popular series aired called "Queen's Gambit". The main character was able to

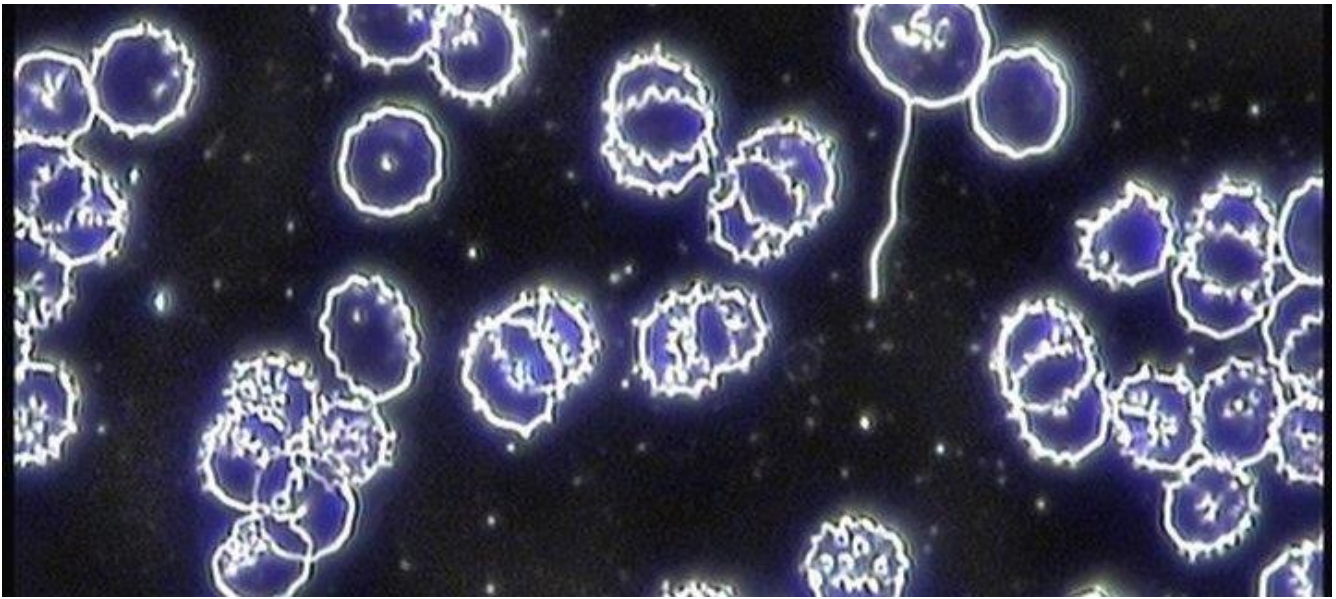
visualize the battle of chess and all the possible moves. She saw this as she gazed at the ceiling above her bed. How can we use this as a metaphor for the current medical situation?

We know that there is a battle going on. It makes sense in our head that there is a chess board and there are two battling sides with pieces arrayed against each other. We know that there is something fighting against us. We can visualize the pieces being moved around and this is causing us concern and fear. We are assured by scientists and health officers that what we are facing is an opponent and that the chess board does exist and the rules are clear in order to fight against this new enemy.

However, this chess match is not being played like the usual chess game. There are moves that do not make sense as they have never been seen before. We are assured that experts have actually taken pictures of this chess board and of the pieces being moved around against us. But when we desire to verify these statements and assurances we do not find that there is proof of an opponent on the other side of the board. Actually, a closer look at the pictures show that the lighting was not correct and that the focus was out so that the image is very indistinct and subject to interpretation. Alarming, the usual moves that we are told to do, do not in fact result in the game being won and we continue to lose.

Do we continue on in this fashion hoping that things will work out? Or do we go back to the beginning and investigate whether or not there is an enemy on the other side of the board at all? And if so, what is the nature of this enemy?

The next part in this series will investigate biological processes as we begin to lay a foundation to understand core processes in our body.



## Part II

### What Does Water Have to do With It?

Where does one start when trying to bring some order to the apparent medical chaos? It is very evident that more and more epidemics of serious diseases are occurring. Is it possible that they all share a common underlying cause? At first, that doesn't seem like it could be possible. What could be common between heart disease, diabetes, Alzheimer's disease, autism, metabolic disease – and now COVID?

The first thing that must be stated is that our body is full of electrical signals. Many functions in our bodies require the flow of electrons. Some people deny this and say that is simply preposterous. However, consider the following common medical procedures.

What is an EKG (electrocardiogram)? According to the American Heart Association: “An electrocardiogram — abbreviated as EKG or ECG — is a test that measures the electrical activity of the heartbeat. With each beat, an electrical impulse (or “wave”) travels through the heart. This wave causes the muscle to squeeze and pump blood from the heart. A normal heartbeat on ECG will show the timing of the top and lower chambers.”

<https://www.heart.org/en/health-topics/heart-attack/diagnosing-a-heart-attack/electrocardiogram-ecg-or-ekg>

What is an EMG (electromyography)?

“Your muscles move when nerve signals from the [brain](#) tell them to get to work. Electromyography measures how well your muscles respond to those signals.”

<https://www.webmd.com/brain/emg-and-nerve-conduction-study#1>

What is an NCS (nerve conduction study)?

“Nerve signals are electrical impulses that travel quickly throughout your nervous system.... NCS measures how fast and how strong the electrical activity is in a nerve. The test can tell whether a nerve has been damaged.”

<https://www.webmd.com/brain/emg-and-nerve-conduction-study#1>

In addition, our bodies are made up of a large percentage of water. Most people do recognize this fact. So we are about to go on a deep dive into the study of water and charged particles. Hopefully, it will be presented in a manner so that the concepts are understood. This is a necessary prerequisite to lay the foundation for what is to follow.

Dr. Gerald Pollack is professor at the University of Washington. He has spent many years studying aspects of water. What he and his team have discovered truly revolutionized aspects of biology and have answered many long sought after questions about various strange behaviors of water. As he describes, he thought there was nothing left to discover about water. After all, we all learn in our early years that there are three phases of water – vapor, liquid and ice.

He has written two books which I highly recommend if you want to understand the full breadth of his research into the subject.

THE FOURTH PHASE OF WATER-BEYOND SOLID, LIQUID, AND VAPOR

Dr Gerald Pollack, 2013

Cells, Gels and the Engines of Life

Dr. Gerald Pollack, 2001

He has given several presentations which summarize his work. I am basing the following information on his presentation entitled: “CNPS 2019 – KEYNOTE by Dr. Gerald Pollack on the 4th Phase of Water” given July 3, 2019.

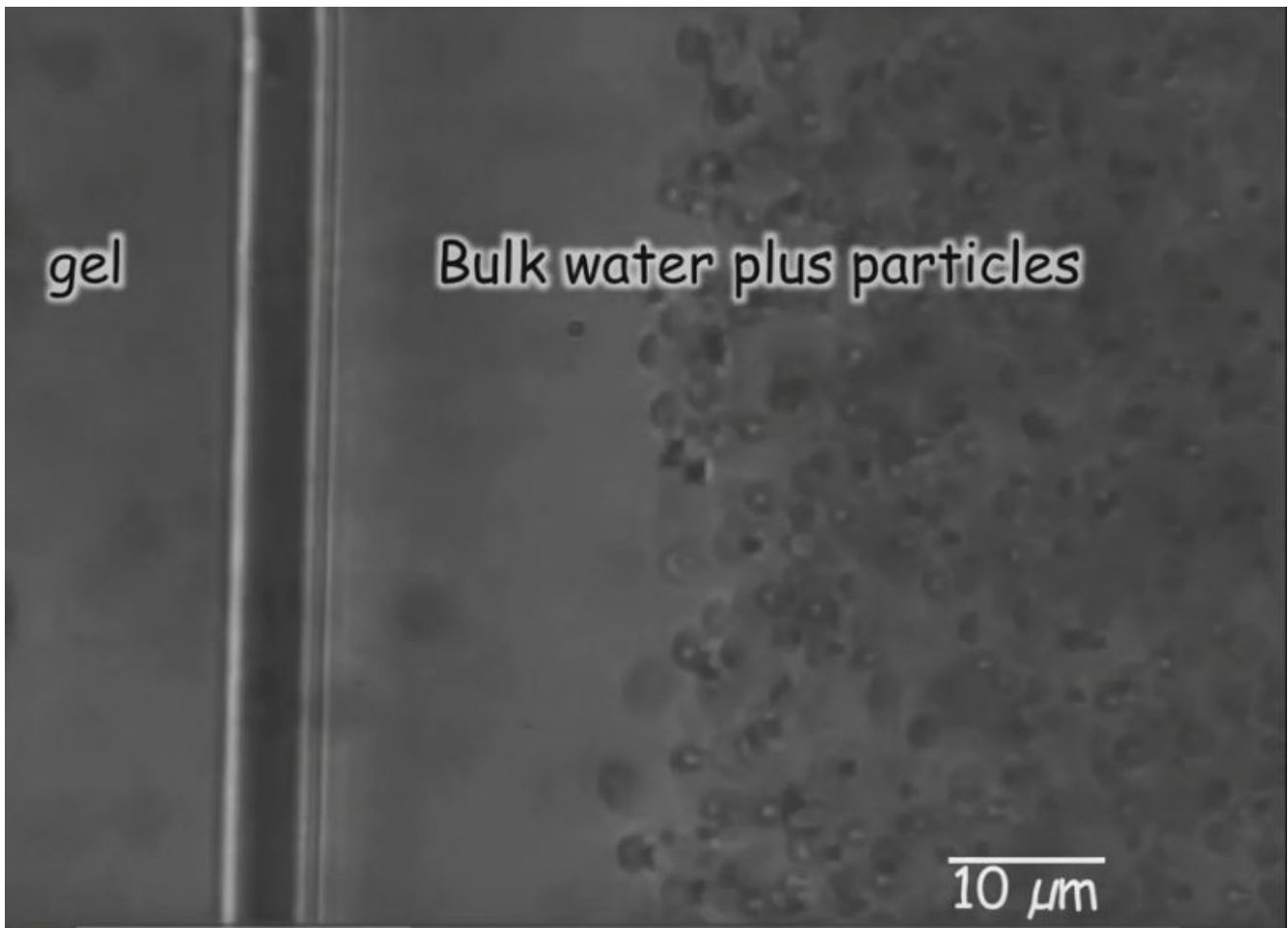
Is everything about water known? Consider if you understand:

- how are clouds formed in the air and why can a single cloud form when there is nothing else in the sky for miles around

- why do droplets form and dance on top of puddles before dissolving
- why when you press on a very fresh piece of sushi does water exit and pool
- if plant leaves are made up mostly of water why don't they freeze when the air around them is below freezing temperature
- if you put your favorite gelatin dessert in the freezer why doesn't it freeze solid

Pollack gives enormous credit to Gilbert Ling – someone who has researched aspects of water for many years. He describes the water molecule ( $H_2O$ ) as a “dipole” – meaning that it has a positive side and a negative side. Therefore, water can exist in an ordered state when all the same side charges are arranged properly. This can happen not just in a single layer but many, many molecular layers deep.

Crystals have this type of ordered structure. When this type of ordering happens, other types of molecules are excluded – pushed out. This happens when ice forms. Any dirt is pushed out as the ice is forming resulting in clean water.



The image above shows Pollack's initial experiment to demonstrate the existence of structured water. “Bulk water” refers to regular unordered liquid water. He filled a container with liquid water and inert microspheres. Next he placed in a layer of material made of gel. Within a few minutes a visibly empty area formed next to the gel as the microspheres started to be repelled and excluded from next to the gel. This empty area continued to widen over the next few minutes. The zone of exclusion grew to around 50 micrometres thick. He named this zone – EZ – or the exclusion zone.

This result generated 5 questions:

- 1 Is the exclusion phenomenon general?
- 2 Does it really arise from water ordering
- 3 What energy creates this order?
- 4 Might these findings apply broadly?

1. Is the exclusion phenomenon general?

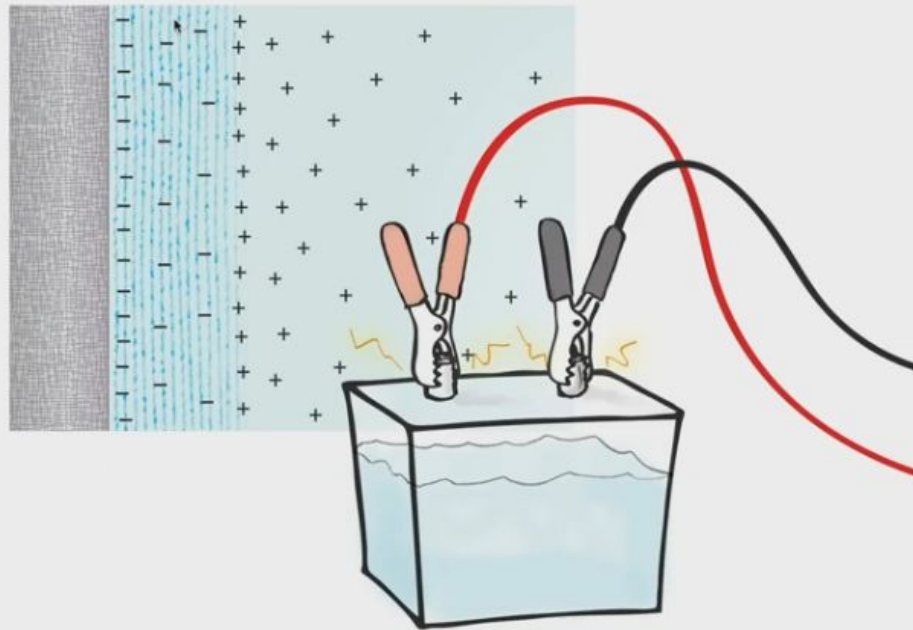
He tried many other different types of materials to see if they also generated exclusion

zones. What he found is that all gels and biological surfaces generated an EZ. These materials are classified as water-loving materials (“hydrophilic”).

## 2 Does it really arise from water ordering

What makes this exclusion zone different from regular (bulk) water? He discovered that the water molecules in this zone are more constrained or more stable. He also discovered the area is negatively charged. This water absorbs light in a different manner (it responds to 270nm wavelengths – or infrared light). The optical properties are different (has different refractive index). The water is more viscous.

# A charged battery in water

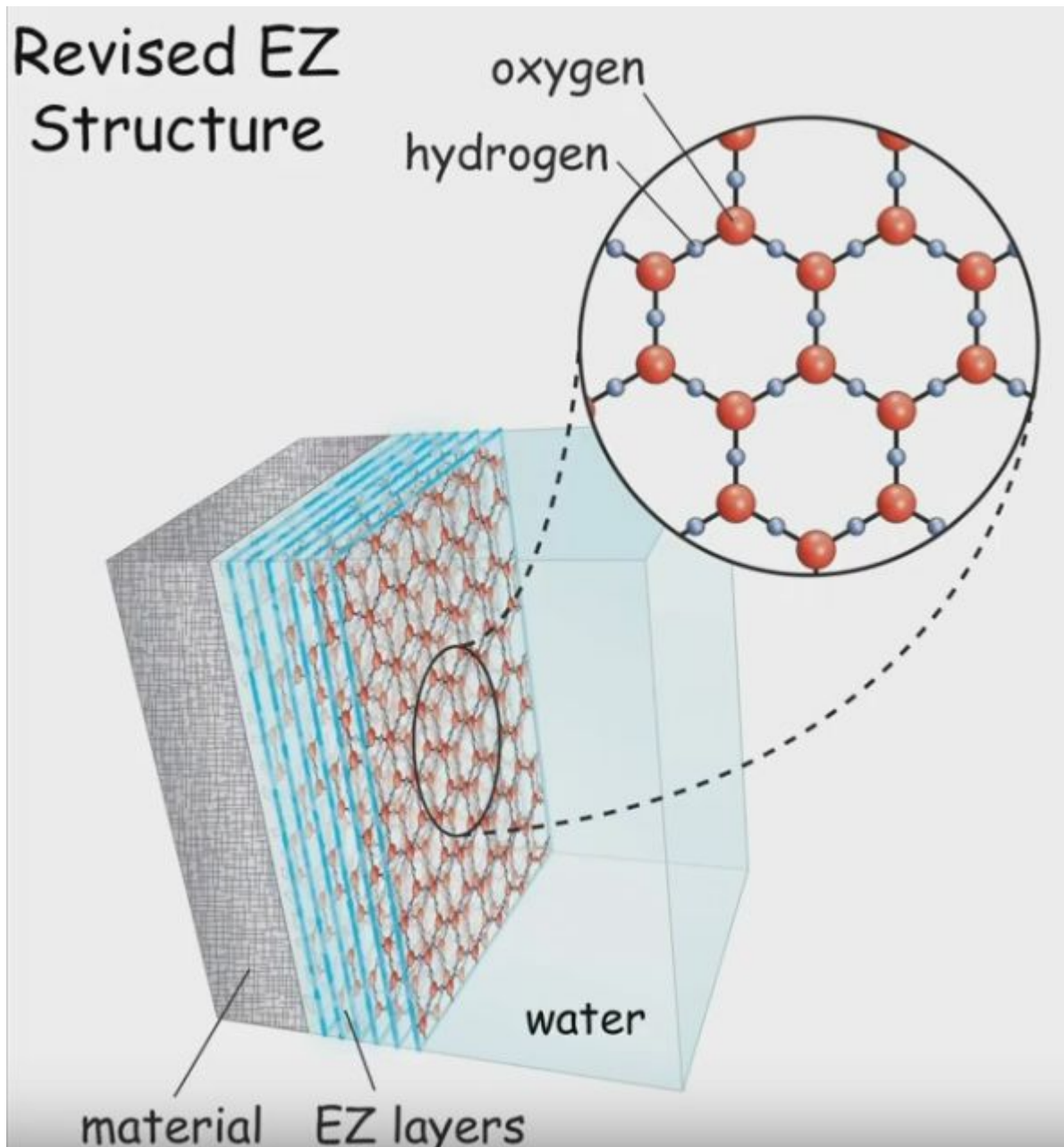


He discovered that the water molecules are being split apart. The negatively charged ions are arrayed against the material and the positively charged ions get dispersed outside the exclusion zone and in the bulk water. This is not a zone that is only one or two molecules deep but is up to millions of layers deep.

This leads to the conclusion that there is something different about this area of water.

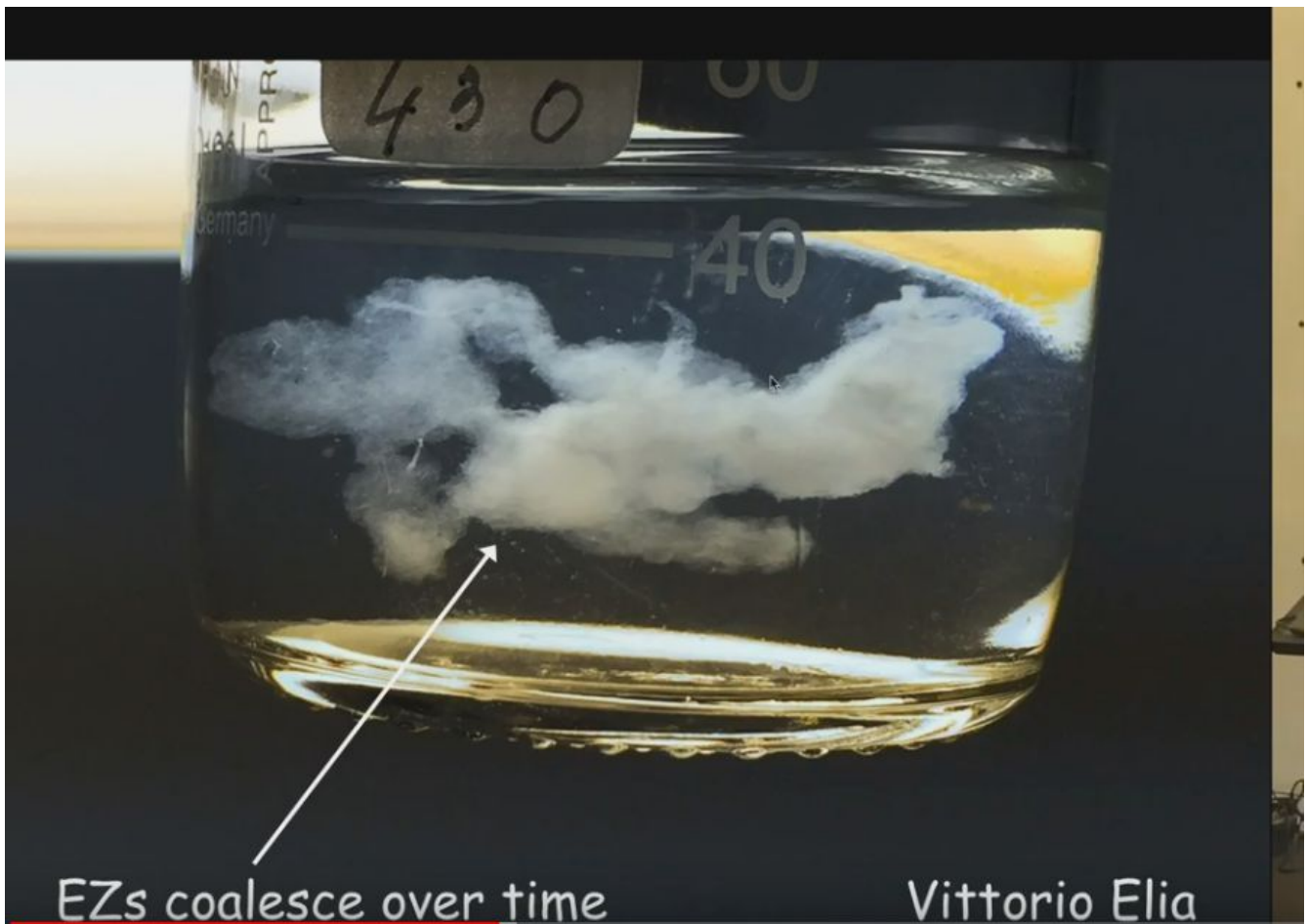


This could very well be a fourth phase of water. This is “structured” liquid water and is between an unordered liquid and an ordered solid. It is not the first time a fourth phase has been proposed. Sir William Hardy proposed this very thing in 1912.



Pollack has proposed that this structured water arranges itself in sheets with molecules forming a hexagonal pattern. The sheets allow for lateral movement but still provide for a rigid structure overall. This shows that it is no longer  $\text{H}_2\text{O}$  but must be  $\text{H}_3\text{O}_2$ .





The question he proposed is whether this phase of water can be solidified? For example, a similarly super saturated solution of sugar water forms into “rock candy” when it crystalizes.

Researchers in Italy were able to prove that this is the case as shown in the image above. The cloud-like structure is the result of many, many collections of EZ layers rolled together and dumped into bulk water. The white cloud is water – there is no other substance or colouring. What is immediately obvious is how similar this is to cloud formations in the sky.

### 3 What energy creates this order?

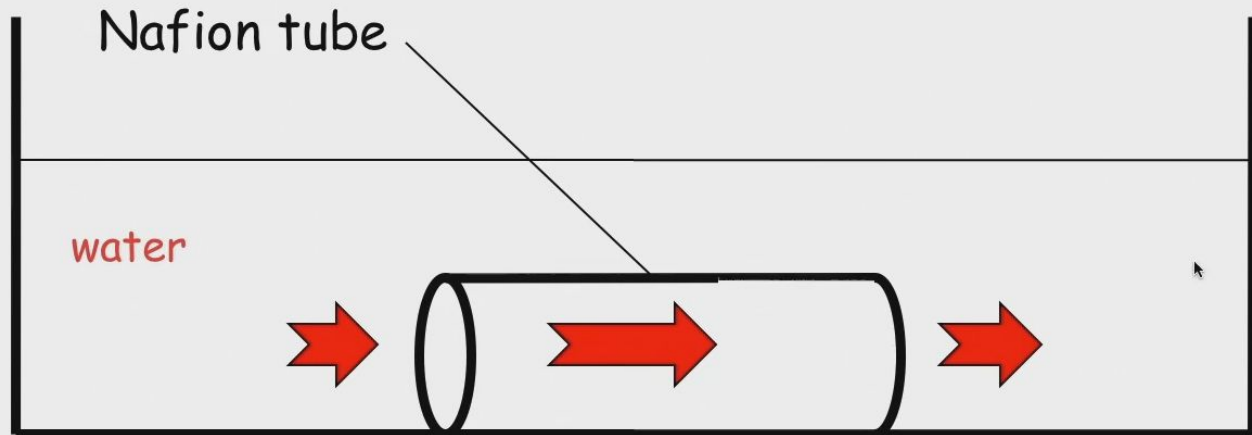
But where does the energy come from to allow for creation of these exclusion zones?

What was discovered is that structured water is affected by infrared wavelengths. This type of energy is all around us in incident radiant energy.

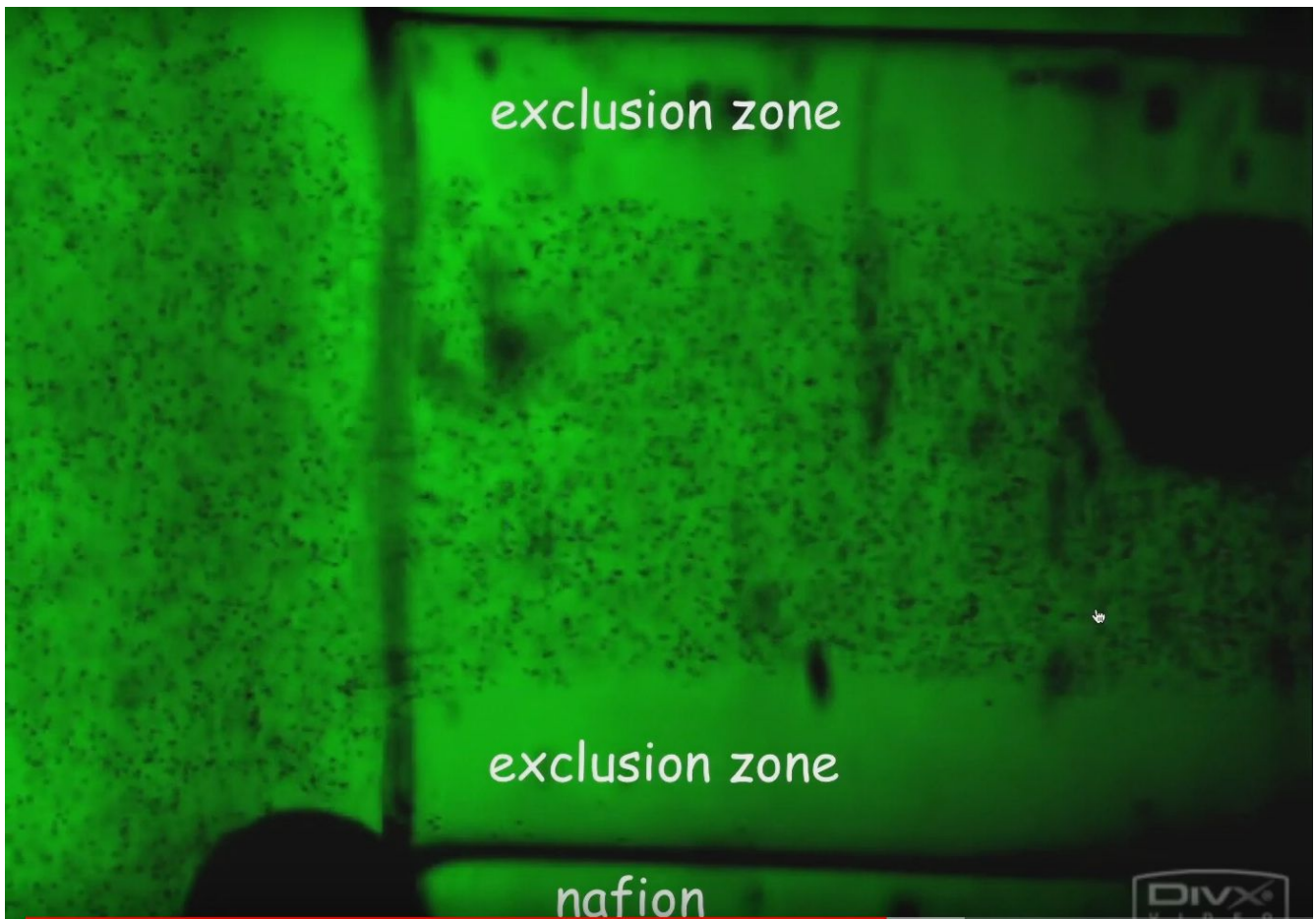


The experiment that proved this used just a simple light source. In a container which has a material with an exclusion zone formed next it, the zone is a consistent width next to the material. When a light source is brought near, the zone expands where the light is more directly shining on it. It was found that all wavelengths modify the zone but the most effective is in the infrared wavelengths. A very significant fact is that half of the energy in sunlight consists of infrared wavelengths. This means that sunlight orders water and adds energy (charge) to the system.

Yes. Energy **can** be harvested...



This led to the next amazing discovery. The image above shows an experiment which uses a material called “nafion” to construct a tube. Nafion allows water to form exclusion zones next to it easily. The water in the container is full of microspheres so that the flow can be observed. When the nafion tube is placed in the container, after a few minutes, spontaneous flow can be observed as the microspheres start moving through the tube. The stored energy within the structured water begins to flow.



The image above shows a closer view of the microspheres as they flow through the nafion tube which has formed exclusion zones

4 Might these findings apply broadly?

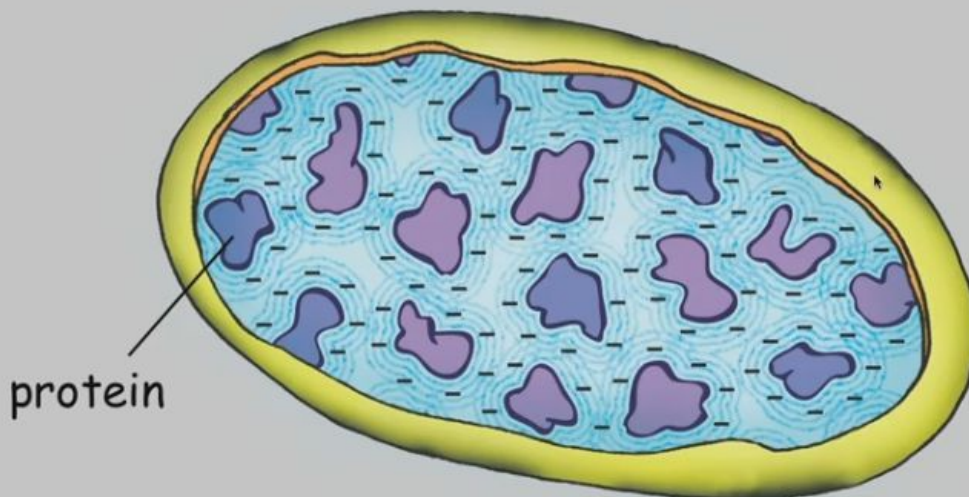
So what is the point of all of this? First, these are amazing discoveries and change the foundational principles for the science of water, molecules and light. In addition, this has ramifications for health and the understanding of biology.

The question is raised: does the human body use radiant energy as well? It is well known that plants use sunlight for photosynthesis. The first part of photosynthesis is the splitting of the water molecule. Could light power us as well – in our cardiovascular system?

Healthy arteries are 3–4 micrometers in diameter. Red blood cells are measured at 6–7 micrometers in diameter. So how do blood cells travel through arteries which are much too small? They need to “crunch” down and fold over. But how does the heart generate enough pumping pressure to get all those “stuck” red blood cells forced through all the arteries in our body? Maybe it doesn't.

Studies have shown that even after death and the heart has ceased to beat, blood continues to flow through the body for a short while. It could be that the energy for blood flow is coming from elsewhere. This will be expanded later in the discussion.

### Crowded: Negative EZ practically fills the cell



Where else is could this concept of structured water be found? The cells in our body are full of protein and arranged (folded) into negatively and positively charged areas. This folding is in such a way so that the negative charges face outward. There is so much

protein packed into cells that they are practically full and there is very little empty space left. This arrangement promotes exclusion zones which, remember, are negatively charged. This matches studies which show that the interior of cells are negatively charged.

“Within the cell, the conclusion that a large fraction of water is organized differently from bulk water is practically universal: it has been drawn by all scientists I know of who have recently taken the time to review the biological water field (Wiggins, 1990; Watterson, 1991; Clegg and Drost-Hansen, 1991; Mentre, 1995; Cameron et al., 1997; Vogler, 1998). It is neither new nor radical.”

Cells, Gels and the Engines of Life p 74

This fact about cells is the underlying mechanism for some common medical tests.

“The story of cancer-cell water dates back several decades when a physician, Raymond Damadian, came to the laboratory of Gilbert Ling (whom you may remember from earlier chapters) for help. Damadian had been wondering whether a difference of water structure might underlie organ pathologies, and began exploring the potential of nuclear magnetic resonance as a tool to test for such differences. The collaboration proved fruitful. Its evolution led to a breakthrough technology called magnetic resonance imaging (MRI), for which Damadian holds the patent. **This powerful technology arose directly out of the concept of structured cell water.**” [emphasis added]

Cells, Gels and the Engines of Life, p220

The overall negative charges repel each other and this allows for potential energy in the cell. This is what enables proteins to fold. With a lack of EZ water, the cell function is diminished. There is a lack of energy and the cell has a decreased ability to restore itself.

“In this context, a possibility to consider is a linkage between mutation and water-structuring capacity. Mutant proteins might not be able to structure water as effectively as normal, wild-type proteins. This speculation arises because the capacity to structure is an implicit design feature in the proposed paradigm – it is responsible for setting the cell's basic state. **At the same time, the protein must have the capacity to act, which commonly translates into a capacity to destructure. Protein design must therefore reflect a balance between these two competing strategies,** and in the mutant, neither one of the strategies may survive unscathed. The signature protein is likely to be functionally inept and inept in its capacity to structure water.” [emphasis added]

Cell, Gels and the Engines of Life, p221

Dr John Moulton, chair of CASP14, commented: "Proteins are extremely complicated molecules, and their precise three-dimensional structure is key to the many roles they perform, for example the insulin that regulates sugar levels in our blood and the antibodies that help us fight infections."

He continued: "**Even tiny rearrangements of these vital molecules can have catastrophic effects on our health**, so one of the most efficient ways to understand disease and find new treatments is to study the proteins involved. There are tens of thousands of human proteins and many billions in other species, including bacteria and viruses, but working out the shape of just one requires expensive equipment and can take years."

[emphasis added]

To review, the reason why living cells are made up of water is not just because water allows so many substances to dissolve in it, but water seems to be the source of energy to power the functions of a cell. Properly constructed proteins are arranged in such a way so that the negative charges face outwards and promote structured water. This splitting of water provides the potential energy that proteins need to fold and unfold which generate the energy for cell functions. If something goes wrong with protein construction or if something interferes with the charges, the entire cell will be affected and functions will be diminished.

Structured water seems to also play a huge role in transport through the cell. This next section is from "Cells, Gels and the Engines of Life", p163-178. We've probably all seen video of organelles moving around in cells, or amoeba moving from place to place, or even of cell mitosis where the entire cell splits apart. How does the contents of the cell get moved around?

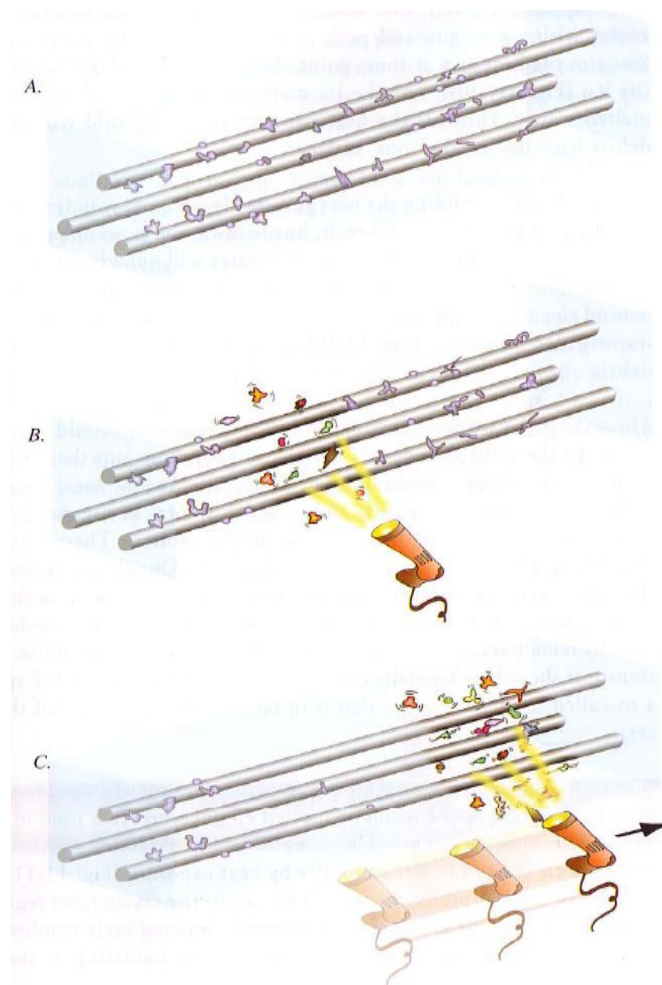
There are many different types of protein. One in particular is called "actin" and consists of long, thin filaments that are twined together. The actin proteins affect the water around them and because of the arrangement of charges, water is structured along the length of the filament. It's not just a thin layer but many molecular layers deep. How does this help to transport contents?

The actin protein can undulate like a wriggling snake. It continuously compresses and expands and as it does, the neighboring water shifts from being structured to unstructured and back. It is this alternating state of structured to unstructured which moves the contents along the length of the filament.



To illustrate, consider being in the cold of the Arctic. You place a metal rod in a long, narrow container and fill it full of water. Since you are in the Arctic, the water will freeze solid. Now take a heat gun and start to unfreeze the water at one end of the container. When it is liquid, place some solid particles in the water. Now move a littler further down the container with the heat gun and start heating this still frozen area. As this area is unfrozen, the area no longer being affected by the heat will begin to refreeze. Since ice excludes particles, they will begin to move into the newly liquified water. As you continue to move with the heat gun, the effect of the exclusion will consistently move the particles down the length of the container until you reach the end.

In a similar fashion, this is how the cell contents are move through the cell. It is bulk transport; everything is moved indiscriminantly.





How does more selective transport work since cells also need to transport only very specific molecules depending on need? There are proteins that form into microtubules made from “tubulin”. These tubes are very similar in concept to the experiment shown previously where structured water is creating within the tube and spontaneously starts to flow down the length.

This information is just fascinating. Granted, popular biology has yet to catch up and definitively prove these experiments. But these processes shed light on many processes which are still not well understood. Let's end this section by attempting to answer the question that was raised earlier about the flow of blood through the body. We now have the essential elements to describe how this could be happening.

In her TED Talk, “The Mineral Power for Your Body’s Electrical Supply”, Dr. Stephanie Seneff presents the results of her studies in this area. ( <https://youtu.be/fDWEVXhaydc> ) She initially began researching this area when the son of one of her close friends had the DPT shot. A week later, he started having seizures and was then diagnosed with autism. She wanted to give some guidance to her friend to help her find out why this had happened.

There is a very important molecule in human physiology – cholesterol sulphate. This is in high concentrations in the blood – along with DHEA sulphate. Sulphates ( $\text{SO}_4^{-2}$ ) in general are water soluble. Attaching a sulphate to any molecule makes that molecule also water soluble. This is how compounds move around the body. They become soluble in the blood, get transported and then delivered to the target tissue.

Cholesterol sulphate is made in the layers of the skin. The trigger for production is most likely exposure to sunlight. The membranes of the red blood cell contain a significant amount of cholesterol sulphate since it is also made inside. The compound is made inside the cells, moves to the membrane and then is transferred to the tissues neighboring the capillaries. In addition, as the red blood cells move through the capillaries, they shed negative electrical charge.

Capillaries, which are small in size, are more negatively charged than the veins, which are larger in size. The red blood cells, being negatively charged are attracted to the more positively charged areas of the vein and are forced along through the capillaries.

Sulphate promotes the build up of structured water. As the sulphate moves from the red

blood cell along the capillary walls, the layer of structured water is increased causing this gelled water to lessen the friction as the blood cells pass.

Here is the answer to how the red blood cells are being forced to squeeze and crunch together. As they do they transfer their negative charge and sulphate directly to capillary walls. This continues to renew and build up the structured water gel layer allowing the cells to pass and letting the cells be attracted to their more positively charged destination.

It has been shown that infrared light makes the gelled areas in capillaries grow by 4 fold. It also provides energy to the gelled water.

As an aside, this might very well explain the clinical studies showing that LED lights are helpful for Alzheimer's patients. There are products which consist of a red LED light which is placed in the nostril of the patient. This is to promote more enriched blood flow to the brain since the majority of the blood vessels in the head pass to the rear of the nasal cavity.

There are other LED products for other conditions which are meant to be placed near the belly button or along the scalp. Again, these areas have a significant amount of blood flow nearer to the skin surface which could be affected by the particular infrared wavelength in the LED light which promotes increased structured water production and energy transfer.

## **Pollution and Glyphosate**

Dr. Seneff continues with additional related biological concerns. "We're getting windows into the biology by virtue of the way it's[our body] being destroyed by the environmental toxins". Glyphosate (RoundUp) has been deemed safe for humans/animals by the manufacturer. They assure that glyphosate does not affect humans but only affect plants because the target enzyme is only found in plants. This is essentially true. However, the gut microbes *are* affected by glyphosate. These microbes produce certain essential amino acids that humans can't produce internally. So while the manufacturer's statement is true, glyphosate does affect human metabolism.

But there is an additional concern which is quite diabolical. Glycine is one of twenty or so amino acids that are the building blocks of proteins. Glycine is especially important since it is one of the 4 essential amino acids that are assembled into the 4 letter DNA genetic code. Glyphosate is almost identical to glycine. An additional molecule is attached to

glycine to make glyphosate. Since it is almost identical, if glyphosate is present, it can mimic glycine and be erroneously placed where glycine should be placed. The resulting protein no longer functions correctly since the structure is now different slightly different. The folding behaviour is different and the charge is different.

What kind of symptoms are seen when glyphosate is replaced in the body? We are seeing the rise in various epidemics such as autism, Alzheimer's disease, metabolic syndrome, gut problems, liver problems, heart problems and diabetes.

In addition, there is a certain protein enzyme called PEPCK which is related to obesity. This particular enzyme helps the mitochondria in the cells to generate energy. It also helps with the conversion of glucose in the liver. When glyphosate has replaced the proper construction, the enzyme no longer functions correctly. This cuts off the pathway to make sugar and fat is no longer converted. It ends up being stored in the body instead. People keep on eating because they can't get the energy from the food but instead it gets stored as fat. Fatty liver has been shown to be correlated to high levels of glyphosate.

There is a fundamental mistake in the building block of proteins happening. It is a slow kill because it gradually accumulates until it is too late to stop it. Once this happens, all manner of body disfunction results. "Your proteins are getting wrecked by glyphosate", Seneff states.

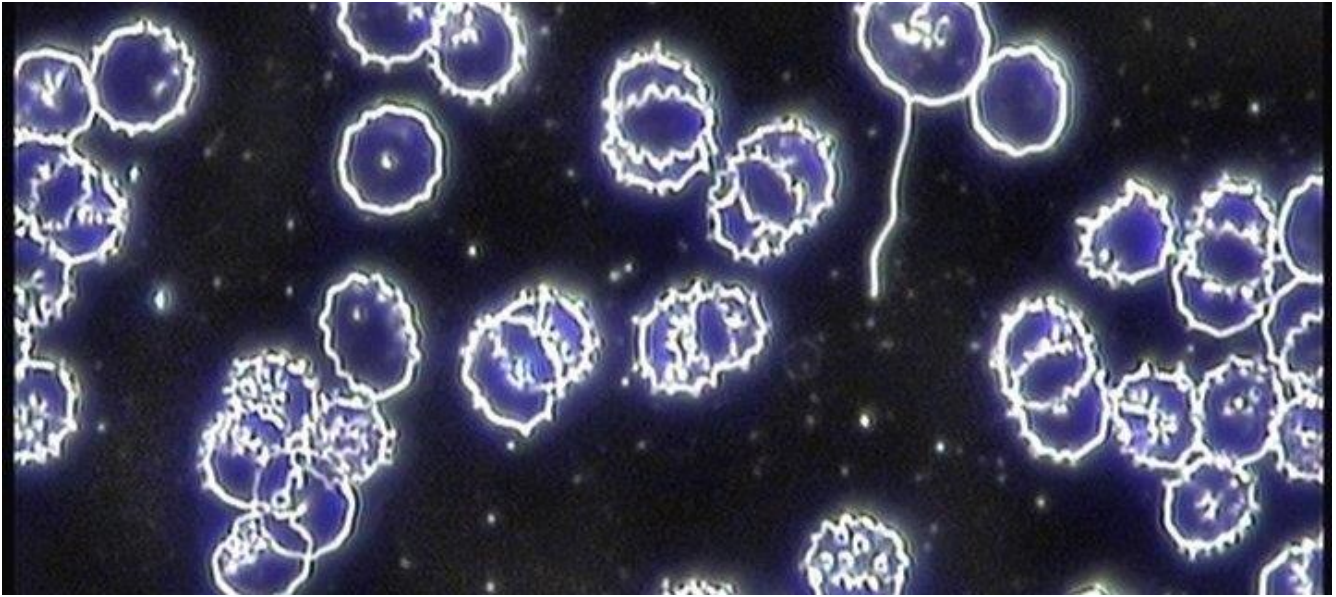
Another part of the body can be seriously affected as well. Collagen is a protein with huge amounts of glycine in its construction. It is susceptible to glyphosate replacement. Collagen is used especially in the lungs in the stalks which produce the surfactant proteins. If there is a lot of replacement of glycine, then the lung transfer of oxygen to blood would not function efficiently at all. Here is another example of where symptoms of the current medical crisis might be related.

Glyphosate can also lead to Vitamin D deficiency. Vitamin D is made in the skin in response to sunlight. It is then transferred to the liver where it undergoes activation. It is transferred to the kidneys for transformation to its final form used in the body. But glyphosate interferes with the activation of Vitamin D. Instead, it mobilizes calcium. With increased calcium in the blood, this could promote calcification of artery walls.

Well, time to come up for some air. This has been a very technical discussion. It's taken me several months to investigate these areas and just as long to absorb how it all

functions together. If you don't understand everything at first read through, do not feel bad. After all, I've had to condense hundreds of pages into the main points to make it somewhat comprehensible. I encourage you to investigate the sources and research for yourself. These topics are not mainstream biology. Although they have scientific studies behind them, much more research needs to be done and both Dr. Pollock and Dr. Seneff freely admit this. If only a small percentage of money could be used from the vast amounts being used to study areas which can be shown to not have scientific footing presently.

However, what has been shown fits together into a cohesive biological framework that is amazingly elegant and intricate. As highlighted, there may be current environmental threats to these processes and the increased prevalence of medical problems could be the signs that we are under attack. We will discuss this attack in the next article.



### **Part III**

#### **Invisible Threat**

Are you still with me? It's been a lot of hard work to go through some very detailed biology. It has been necessary to lay the ground work to describe the current set of symptoms. We then discovered how structured water might very well enable many important processes in our body. With this new understanding, we now consider several factors which may well be having a damaging effect on our physiology. And again, concepts will be illustrated with as much expert sources as possible. I very much hesitate to get into this subject since I saw how people were shut down earlier in 2020 when they talked about this subject matter. However, the science still stands even though attackers sought to discredit the people presenting the information. All I ask is to put aside any preconceptions, and evaluate whether the information has merit.

First, take a look at a video from 2012 which shows a demonstration of the US army's "ADS" or Active Denial System.

<https://youtu.be/kzG4oEutPbA>

"3/9/2012 The DoD Non-Lethal Weapons Program demonstrated it's latest system to a group of Marine Corps and DoD personel. Produced by Sgt. Andrew Milner. "



As described, it uses microwave radiation in a non-lethal manner. It penetrates very shallowly into the skin to where the nerve receptors are. This weapons system proves a couple of points that people like to dismiss. First, microwaves are able to penetrate and affect biological tissue. And second, the body does use electrical signals and these can be interfered with to cause discomfort at high enough levels.

5G technology also makes use of microwave radiation but with less intensity. The assumption is that since it is currently being implemented world-wide, it has been fully tested to ensure that all safety limits have been discovered. Of course, companies would never implement such a technology without first adequately testing for safety.

“Entities ranging from [SpaceX](#) to Amazon are launching (or may launch soon) huge numbers of new satellites that can carry the extra bandwidth.

Many space entities are rushing to be trendsetters in 5G. For example, SpaceX has received approval to launch nearly 12,000 Starlink internet satellites (and recently applied to



loft up to 30,000 more). In May, SpaceX [launched its first 60 Starlink craft](#), which operate at a low-Earth-orbit altitude of about 342 miles (550 kilometers). (For comparison, the International Space Station orbits about 250 miles, or 400 km, above Earth.)”

<https://www.space.com/5g-in-space-internet-satellites.html>

October 19, 2019

[https://www.cnbc.com/2020/08/10/spacex-starlink-satellite-production-now-120-per-month.html?\\_source=twitter%7Cmain](https://www.cnbc.com/2020/08/10/spacex-starlink-satellite-production-now-120-per-month.html?_source=twitter%7Cmain)

August 10, 2020



*Illustration 1: A stack of Starlink internet satellites just before a launch.SpaceX*

A stack of Starlink internet satellites just before a launch.

SpaceX

## Starlink Deployment Status

- FCC licensed Starlink in 2018
- In just two years, SpaceX has:
  - Invested hundreds of millions of dollars in Starlink to date
  - Built a U.S. world-leading manufacturing system, now building 120 satellites per month
  - Deployed 500+ satellites using 12 GHz, now the largest satellite constellation in the world by far
  - Deployed gateway ground stations throughout the United States
  - Invested over \$70 million developing and producing thousands of consumer user terminals per month using 12 GHz, with high-rate production soon to come
  - Fully licensed by the FCC for 1 million consumer user terminals in the U.S. that use 12 GHz
  - Begun beta service for hundreds of users in multiple states, including tribal communities



<https://healthimpactnews.com/2019/20000-satellites-for-5g-to-be-launched-sending-focused-beams-of-intense-microwave-radiation-over-entire-earth/>

January 6, 2019

John P. Thomas

“These satellites will use the same type of phased array antennas as will be used by the ground-based 5G systems.

This means that they will send tightly focused beams of intense microwave radiation at each specific 5G device that is on the Earth and each device will send a beam of radiation back to the satellite.

The rays of microwaves they produce will be strong enough to pass through walls and human bodies. If they were not strong enough to do this, then everyone with a 5G smartphone would have to stand outside when using the devices.

These are the companies with the biggest plans to deploy satellites:

- SpaceX: 12,000[30000] satellites
- OneWeb: 4,560 satellites
- Boeing: 2,956 satellites
- Spire Global: 972 satellites”

Dr. Pollack, whose structured water research I described in Part II, has not yet studied 5G



effects on structured water to date. However, he has done experiments with current 4G waves. He placed a router emitting wireless EMF next to a chamber containing water with EZ (exclusion zones). He measured that the zone shrunk by 15%. Although he has not done the same experiment with 5G equipment, he suspects the result would be lethal.

5G – Lack of risk assessment – Professor Martin Pall

<https://www.youtube.com/watch?v=PvpJom564ow>

Is the current risk assessment of EMF sufficient?

[The current studies] provide us with a lot of information. The main problem is that people are not spending the time to see what information we have. And the literature has gotten clouded by the fact that other studies have been done using other conditions where you get different results. Which of course is exactly what you would expect. And so it's a question of interpretation at least as much as a question of you know what research has been done.

Do we have information about the burden of WiFi?

Yes we do. Wi-fi has been shown to cause seven different health effects and in repeated studies. And these are the same health effects that are produced by other kinds of electromagnetic fields. And they include oxidative stress. They include attacks on the DNA of our cells. They include many different effects on reproduction, both male and female fertility. Production of increased spontaneous abortions. Including lowered sex hormones and including lowered libido. All those things are impacted. But then in addition we have many different neurological and neuropsychiatric effects which tend to develop over time in a cumulative fashion. And several other things have been shown to be occurring as well including apoptosis—that is cell death – of the cells of our bodies.

What about WiFi in schools?

I think wi-fi in schools is a huge mistake because we can do the same things in terms of internet connection in a wired fashion and not jeopardize the health of our children and our teachers. Which we are currently doing now in each of the ways that i just discussed. And also in some other ways. So Wi-Fi is a big problem. And it's been a huge blunder to introduce wi-fi in schools.

Are younger children more sensitive than older ones and adults?

Yes young children are more sensitive and they're more sensitive for several different reasons. One is they have a larger surface-to-volume ratio. That is their tissues are more accessible to the EMFs and so you get bigger effects because of that. A second thing is that the younger the child the more stem cells they have and stem cells are particularly sensitive to the EMFs. So the effects on young children therefore are much greater. And in general you know throughout development the younger you are the more stem cells you have and the more sensitive you are. There are also effects with regard to the development of the brain which are particularly important in young children of course.

What about 5G and pulsation?

The first review that was published on pulsation that showed that pulsed EMFs are much more active in our bodies than non-pulsed EMFs. This was published back in 1965. And there have been a whole slew of studies. You know of course many others since then. And so this is extensively documented. We know that pulsed EMFs are in most cases much more dangerous than our non-pulsed EMFs so the reason that the industry has gone to these extremely high frequencies in 5G is because you can pulse them more and therefore you can carry more information. And so because of that 5G is at least potentially much more dangerous than the precursors for 5G because of this extraordinarily high levels of pulsation.

The other thing is that the plan is that 5G is going to use a phased array system which introduces an additional type of pulsation into our exposures. So all of those things mean that 5G is at least potentially much more dangerous than its precursors and it needs to be tested and it has not been tested with the pulsations that are going to be used.

[Keep introducing] more highly powered devices. I mean for example the Wi-Fi fields – most of them today are much much more highly powered than they used to be. And they're much more dangerous so we we're going in exactly the wrong direction.

So there's a lot of ways you can try to try to avoid exposures. But it's ridiculous that we're in an environment where you have to be an expert on all this stuff just in order to have just the minimum amount of protection to your health. But that's the situation.

Shouldn't we force the politicians to change their risk assessment?

Yes we do. Let me give you an example of that which is current as we speak. The current plan with regard to 5G is to put out tens of millions of 5G antennae all over the EU, all over the US. All over many other parts of the world – such that we will be irradiated almost continuously no matter where we go. And the current plan is to do that without even a single biological safety test of genuine 5G radiation. This is absolutely insane! So yes we have to work on our politicians and in the EU you have to work on the European Commission. Because if they go ahead with this, this will be, in my judgment – absolute disaster. And I think it's just stupid beyond belief that something like that could even be contemplated – let alone done.

Dr. Tom Cowan talks about his own research into 5G technology.

“I recently finished reading a very sobering book on the history of electricity and its effects on life called [“The Invisible Rainbow”](#) by Arthur Firstenberg. During the coming weeks and months, I will share revelations I gained from reading this masterpiece, as in many ways it supports and extends the primary thesis of my last three books.

Health is all about the state of the water in our bodies, and, crucially, the health of our water is strongly influenced by the environment in which we live. **One of the most profound influences on the water in our bodies is the electro-magnetic environment.** This electro-magnetic environment, to which humans and all living beings evolved over the eons, has been radically altered in the past couple of centuries through the introduction of man-made electrical devices. There is no clearer place to see these effects than in a thorough investigation of the history of influenza in the past 150 years. Here are summaries taken from Mr. Firstenberg's book describing the events surrounding the four major influenza outbreaks in recent times:

**1889: First appearance of a global electrical system,** thousands of miles of electrical tracks laid down, first appearance of alternating-current generating stations. Then, the first modern global influenza pandemic started in the fall of 1889, killing more than 1 million people and appearing simultaneously all over the globe, faster than any transportation at the time, suggesting contagion played no role in the outbreak.

**1918: The great flu pandemic.** At that time, the U.S. installed 13 giant radio and communications transmitters throughout the world. They all went live in late 1917 through the end of 1918. For the first time, radio signals could be heard in every part of the globe. At that time, the “Spanish flu” affected one-third of the world's population, killing

tens of millions of people. It occurred in places like the Antarctica, which had no contact with the outside world. The first known cases were 1,127 radio operators at Camp Funston, Kansas. They were the first to use wireless transmitters. Patients mostly died because of changes in coagulation of the blood, a known and recognized effect at that time of “electricity sickness.” The other interesting point is that the most affected were the young and healthy, not the old and infirm. Attempts to prove contagion of the illness were uniformly unsuccessful.

**1957: Asian flu pandemic.** This outbreak coincided with the installation of the White Alice Communication systems installed throughout Alaska with signals powerful enough to cover the globe. It went live in November 1956; the flu pandemic started in the fall of 1957.

**1968: Hong Kong flu.** On June 12, 1968, the U.S. went live with the first global military satellites called the Initial Defense Communication Satellite Program. It was the first time a global communication system was inserted directly into the earth’s outer radiation belt, called the Van Allen belt. This disrupted the magnetic field globally in an unprecedented way. The Hong Kong flu, which killed millions, began in July 1968.

Since 1968, two landmarks events in the history of EMFs occurred: the introduction of the wireless cellular technology, followed by the High Frequency Active Auroral Research Program (HAARP). The dates and the flu pandemics associated with these events are not as clear as in the previous four, and it’s also possible that these were not marked by a flu pandemic as much as the dramatic increases in diabetes, heart disease, and neurodegenerative diseases. It seems that humans (actually all living things) have adapted to a new but lower level of health.

After the Hong Kong flu epidemic, doctors and scientists, not suspecting a link between the electro-magnetic environment and these pandemics, investigated whether influenza was caused by a contagious agent, such as a virus. However, the flu broke out in many places at once around the globe, spreading faster than any living thing could travel. Finally, the Public Health Department in Boston decided to investigate just how contagious influenza was. Here is what they found:

“In a further experiment with new volunteers and donors, the salt solution was eliminated and with cotton swabs, the material was transferred directly from nose to nose, and from throat to throat, using donors in the first, second and third day of the disease. NONE of these volunteers who received the material thus directly transferred from cases took sick in any way ... All of the volunteers received at least two and some of them three ‘shots’ as they expressed it.”

**Simply put, these and many other studies failed to provide any support that influenza was a contagious, microbial disease.** It is true that in SOME people with flu-like symptoms, one

can find evidence of an influenza virus. This finding in no way constitutes proof that the virus caused the illness. For one, no study has ever found that people with influenza all have evidence of a virus. Furthermore, Rudolf Steiner, when commenting about the 1918 pandemic, apparently said the “virus” they were finding was just a mineralized excretion of the cells. In other words, the cells were poisoned (he thought by some part of “sub-nature”), which caused changes in the crystalline water of the cell, thereby producing illness. The body tries to detoxify itself by ridding itself of toxins, which we have been led to believe are contagious viruses.

...

Finally, we are on the cusp of the next big step in the history of the EMF exposure on earth. That is the upcoming 4G/5G rollout. Again, in a later blog, I will try to give some ideas of what we might expect given this sobering event.”

“A Big Change in EMFs Preceded Each Pandemic”

Dr. Tom Cowan

December 8, 2019

<https://drtomcowan.com/a-big-change-in-emfs-preceded-each-pandemic/>

His discussion is so prescient as this was written in December 2019. This was just a month before the first reports of a new flu-like disease started to be recognized.

“It is becoming widely known that 4G and 5G technologies cause many harms to human health. Cancer is only one problem, and one that is easily solved. 4G and 5G cause 720! (factorial) different maladies in human beings, and can kill everything that lives, but some forms of micro organisms. Some pathogens and certain parasites are made more virulent by selected frequencies of RF. Insects and birds are already being killed by the RF broadcasts. The broadcasts can be controlled to give selected individuals selected maladies. All this needs to be stopped. There are other ways to communicate that do not require radio waves, nor wires, which cause no damage to any form of life. We need to make those methods available to the public, while all the RF systems are being phased out. “

“Wireless Technologies (4G, 5G) Are Very Harmful to Human Health and Environment: A Preliminary Review”

Chris Danto V, Boyd RN, Smarandache F

[https://www.academia.edu/41689594/Wireless\\_Technologies\\_4G\\_5G\\_Are\\_Very\\_Harmful\\_to\\_Human\\_Health\\_and\\_Environment\\_A\\_Preliminary\\_Review](https://www.academia.edu/41689594/Wireless_Technologies_4G_5G_Are_Very_Harmful_to_Human_Health_and_Environment_A_Preliminary_Review)

According to Peter Focci: “By all appearance, world governments, world organizations such as the WHO and UN, and international agencies—even the supposedly independent International Commission on Non-Ionizing Radiation Protection (ICNIRP), which issued draft guidelines on 7/11/18 for exposure to electromagnetic fields (100 kHz to 300 GHz)—knowingly participate in a dangerous deception based on scientific fraud: The arbitrary presumption and single-minded assertion as an operating principle that the only potential danger from ICMR is tissue heating. Included is the extreme effect, ‘electro-stimulation,’ comprising shocks and burns. As of this writing (December 2018), worldwide telecom exposure limits are based on the stultified parameter of tissue heating/electro-stimulation.” Furthermore, Focci also wrote: “Also, it’s not unusual to see argument to the effect that, ‘Some studies show harm, some don’t,’ with the implication or assertion that wireless should continue, because the latter ‘cancels out’ the former, or makes the situation ‘inconclusive.’ This conflates scientific principles and ‘legal-speak.’ ‘Weight-of-evidence’ is foreign to science, and such rationalization is used for deception or out of ignorance.”

However, there was a testimony in Toronto, several years ago. From a presentation given at the Toronto Whole Life Expo 2009 by Andrew Michrowski, PhD: [1] see also [2] “It is not generally appreciated that the advanced nature of wireless gadgets being currently marketed is founded on devices that have been around since the 1940s. ... Precise, quality, straightforward medical and scientific research since 1950s details radiofrequency and microwave effects – without influence of stocks, PR and lawyers. By 1970s, electromagnetic, electrochemical, cascade effect equations were well defined for tissues, cells, intracellular & extracellular fluids and macromolecular effects on living systems...Analysis of 1950–1974 mortality of 40,000 Korean War veterans shows that microwave exposure effect is cumulative [emphasis added] it affects all deaths ... doubling to tripling cancers of eye, brain and central nervous system, lymphatic and hematopoietic [blood-cell/platelet-forming] and digestive systems. This means that even ‘weak’ and short exposures from wireless systems accumulate over the years and decades to engender serious diseases [emphasis added]....[a] flow chart prepared [by] the National Research Council of Canada Control Systems Laboratory in 1973 [indicated] 22 non-thermal effects documented and generally understood by the scientific community more than 30 [40] years ago. Now, scientists daring to describe a part of such phenomena risk their career and income.” Corroborating Michrowski, Frower asserts that the dangers were fully known by mid-1970. A big reason, he says, is that telecom microwave technology was not originally developed for telecom, but, among other things, as a military stealth weapon for inducing illness.[1] Frower presents proof that Government knew of the follicle-DNA threat before promoting WiFi in schools. In 20 to 25 years (2038–2043), we could easily have a generation with a high percentage of genetically damaged kids [1]. Moreover, in a 3/17/15 phone conversation,

Dr. Carlo shared with me his understanding about no-safe-dose, which arose from his WFR experience: Information (data) ‘riding’ on the microwave ‘carrier’ frequencies (called modulation) manifests as pulses. These must exist at all power levels to transmit any data. They are sensed by cell membranes. Carlo said that because cells don’t recognize the stimulus, pulses provoke, for one thing, a defensive and pathogenic membrane response: Transport channel shutdown, preventing exchange between cell and extracellular medium. It also interrupts intercellular communication, a very serious consequence.[4]“...pulsed EMFs are, in most cases, much more biologically active than are non-pulsed (often called continuous wave) EMFs.” – Professor Martin Pall, PhD (Page 45, Chapter 6, first par.). See [3] According to Peter Focci, known ICMR effects include endocrine disruption (host of illnesses), breakdown of blood-brain barrier, DNA strand breaks, inhibition of DNA repair, reproductive problems, autism, Alzheimer’s – and many more. Though not to be dismissed, cancer, the ‘popular’ concern, is actually a lesser one in the panoply of effects – as in, ecocide and eventual termination of reproduction [5].”

“Potential Harmful Effects of Wireless Technology to Human Bodies, Carcinogenic Etc”

### **Putting all the Pieces Together**

Given everything that has been discussed, let's finally combine all the various pieces into a cohesive theory on what may be happening. First, we have seen the experiments that show water can exist in a fourth phase – a structured water phase. Many core biological functions depend on this structured water – including basic cell functions and blood transport through capillaries. The ability to rapidly and completely form gelled and low friction exclusion zones depends on the particular arrangement of negative charges of proteins.

If proteins have been somehow wrongly constructed so that they do not have charges in the right place or if they lack the proper number of charges, then the structured water exclusion zone will not be as thick as it should be. If increasing amounts of glyphosate have replaced the needed glycine, this would affect the charge placement and amount in this way.

If research shows that only a very limited range of EMF wavelengths increase the thickness of exclusion zones (ie. infrared wavelengths), then it makes sense that other different wavelengths would not encourage exclusion zones. The limited research that shows 4G wavelength radiation can decrease existing thickness of structured water gives rise to the suspicion that 5G (microwave wavelengths) could significantly additionally decrease exclusion zones inside the body. Therefore, if glyphosate has been slowly building up inside the body, then proteins have been already damaged and deficient in making proper exclusion

zones. In the last half of 2019, the mass introduction of 5G radiation sources could tip the balance so that suddenly the reported symptoms could manifest.

As has been shown, previous introductions of world wide EMF through out the last 150 years has resulted in various symptom outbreaks which have been attributed to the flu. This current, increasing world-wide introduction of a new EMF spectrum could be expected to also manifest in a similar way.

It would be expected that people manifest these deficiencies in different ways and show various different symptoms. If glyphosate has been damaging proteins, it would damage them differently in different people depending on where their bodies have needed protein production. In some people, the heart would be more affected. In some, the brain. In some, lungs. It all depends. This could be why some people have very mild symptoms. They have not had much impact from environmental toxins and their body can quickly come to health equilibrium again. Others see effects where they have had the most assault. In some, the lungs will come under heavy attack due to glyphosate replacement in their surfactants. Others will see their red blood cells reduce in function as the structured water is lessened and the charges reduce causing blood cells to clot together and no longer carry oxygen efficiently. Others will see effects in their brain causing them to perhaps lose consciousness and drop to the ground. It just depends where their body has already seen problems in protein construction.

But with the onset of common symptoms that the body uses to fight off insults to the body (ie. fever, aches, intestinal issues), the body might recover but only to a lower level of health balance.

The long-haulers who show a wide variety of new symptoms show that their body can no longer function in a proper healthy manner. They are now in a state where the relationship between structured water and EMF exposure is such that the body is continually under assault. They are at risk if the balance keeps tipping due to ever increasing glyphosate and/or EMF exposure.

It stands to reason that older people and people with multiple comorbidities are the ones most at risk. The older one is, the longer one has had the chance for glyphosate and environmental toxins to affect the construction of proteins in their body. Those with pre-existing conditions have already been heavily affected by toxins and are not in a robust state of health. Any slight change in the environment with the introduction of new EMF radiation will tip their health balance and that is why they are preferentially affected.



This also means that as world-wide EMF continues to increase with the numbers of proposed satellites and ground stations, what is being attributed to a disease, will continue to keep affecting more and more numbers of people. There will not be a significant “return to normal”. Any vaccines would not be expected to have a significant positive affect. The health of everyone would continue to deteriorate and the actual cause would remain unknown.

## Treatments



“In the fight against N-CoV the people of DSM Jiangshan and Wuhan are heart to heart”

<https://www.sott.net/article/430167-Tons-of-vitamin-C-to-Wuhan>

March 3, 2020

### 50 tonnes of Vitamin C arrives in Wuhan

Although treatments for this disease have not had positive airplay by the mainstream media, there exist several clinical studies which have shown much promise. The vast majority of these clinical studies have been done outside of North America. These have shown complete and speedy recovery from symptoms – when given at the right time. If the body has already been severely weakened, then these treatments have not been effective – and that is what the media have focused their reports on when claiming there are no effective treatments whatsoever. However, effective treatments have been shown using one of high-dose Vitamin C, hydroxychloroquine with zinc, or chlorine dioxide. When considering the biological effects of these various treatments what can be determined?

These all fall under the common category of anti-oxidants. Many people already know about anti-oxidants but not many people understand why they are important. A substance which is an anti-oxidant is a donor of electrons. Many harmful substances enter our bodies and fall under the category of “free radicals”. They are in search of electrons to make themselves a stable compound. These electrons can be snatched from the body's tissues which over time cause much damage. Anti-oxidant compounds provide these sought after electrons so that the tissues are spared.

However, when considering the previously proposed theory of structured water and proteins, one can see how anti-oxidants could play a pivotal role in restoring health. If it is accurate that structured water depends on the amount of proper negative charges to establish correctly, then available anti-oxidants would lend their electrons to this process. It makes logical sense that the compounds which have been shown in studies to be effective in restoring health are all very potent anti-oxidants. As long as these are available at the first sign of symptoms before the body has deteriorated beyond repair, the studies show complete recovery is possible for the majority of people.

The question is why do we not see major efforts to study these subjects completely?

### **Overall review**

What I have presented is a theory. A lot of what I have written has not been proven. There are very few medical professionals looking into these areas. But there are some very eminently qualified professionals who are. So what you have read is not just some crazy thoughts without any scientific backing. It does not mean it is not accurate. However, it does not match the approved narrative that is being told. Many medical professionals and scientists are being censored and harassed when they call into question the many things that are not accurate about virus theory and COVID in particular.

What harm is there to investigate the subjects in question? The only thing that could happen is that it be shown that there is some validity to the theory. More resources could then be used to uncover the truth by those that can do the proper research.

Consider the tragedy if everything that is being done currently would be proven to be based on a false first assumption? So many needless deaths. So much wasted time. So much unbelievable hardship. Does it make sense to continue down a path that is

potentially provably false? What good does that do?

How can I question so many people currently involved in research and suggest that they are making a grievous error? Who am I to say that? All I can do is follow the research that does exist. I ask the question what proof is there? I follow where it leads and form a theory. It is for others to recognize if it is plausible or not.

Currently there are a few others who recognize that this theory is a viable alternative explanation. Until more people have the courage to investigate the subjects in an honest, non-politicized manner – in the quest for truth – the real reason for what is happening will never be recognized. I ask, has what I have presented seemed logical? Every piece of the puzzle can be verified scientifically. Does it all fit together in a coherent model? If so, should it not be investigated further by those that have the money and the ability?

Kary Mullis didn't think of himself as part of the “wise old men” and realized the rest of the supposed experts were as clueless as he was. That is why he took it upon himself to speak out and that is why we should as well.